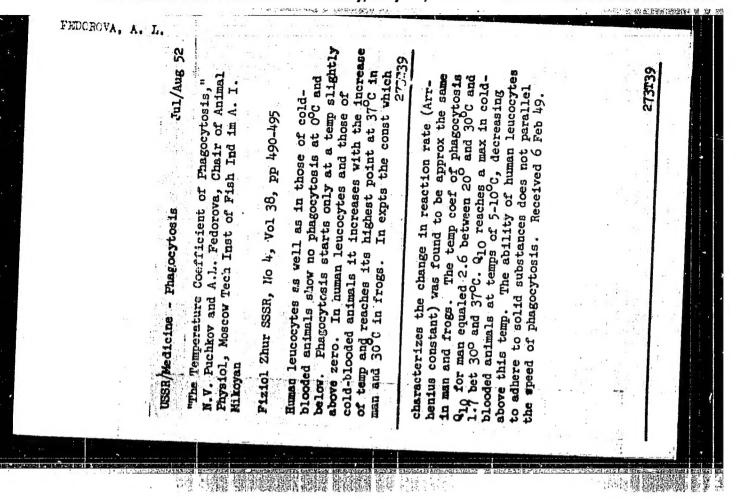
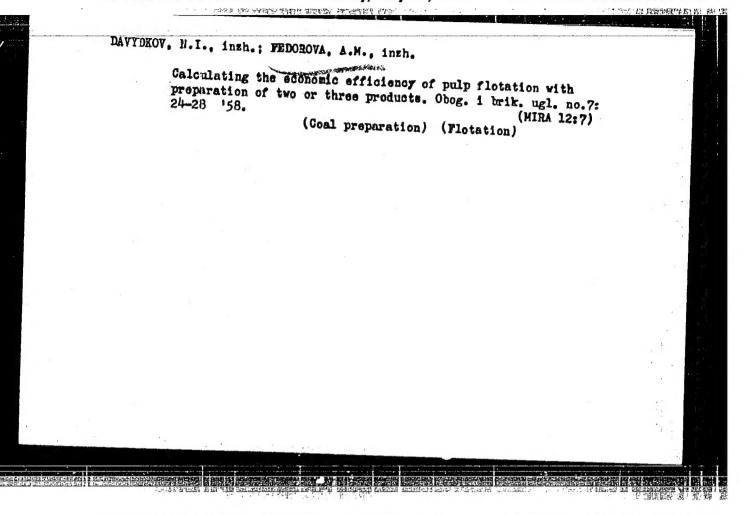
FRUMKIN, A.N.; FELOPOVA, A.I.; Kozanien.

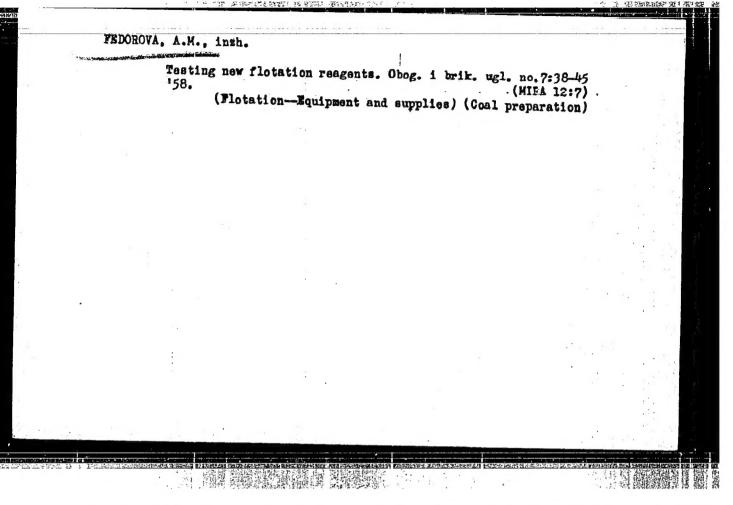
Zinovii Aleksandrovich Iofa; on hir 70th hirthday, 1895.,
Elektrokhimiia 1 no.5:620-621 by '65. (MIRA 18:6)

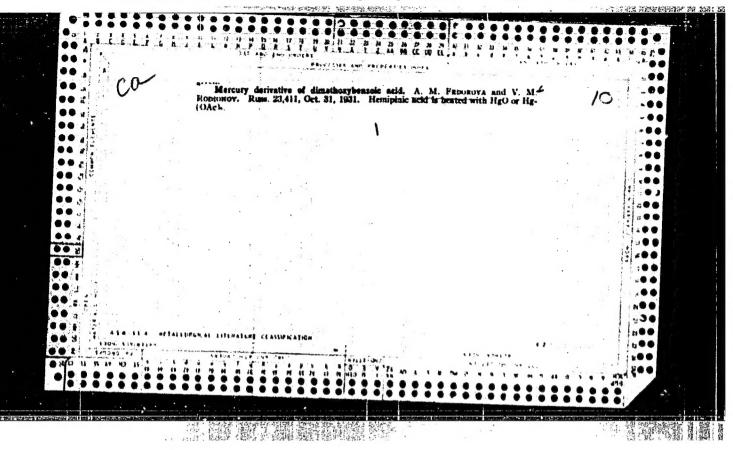


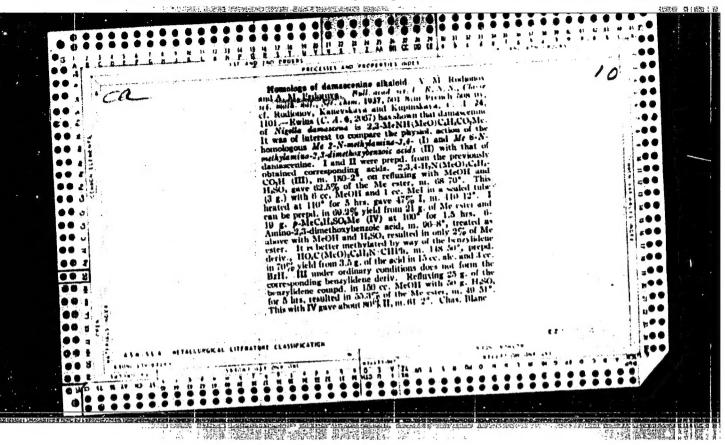


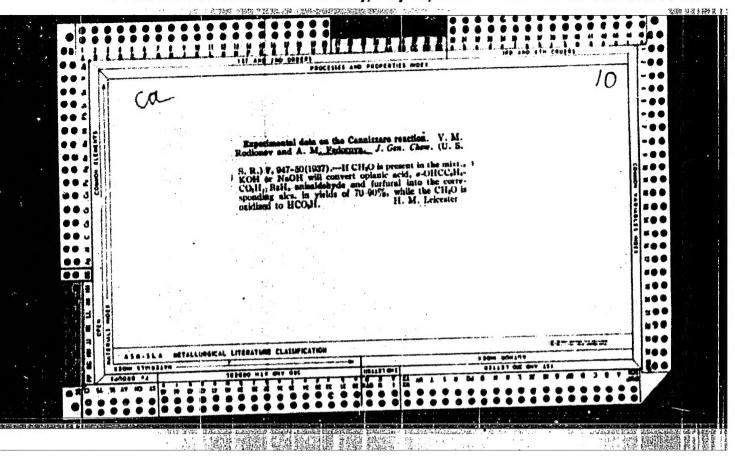
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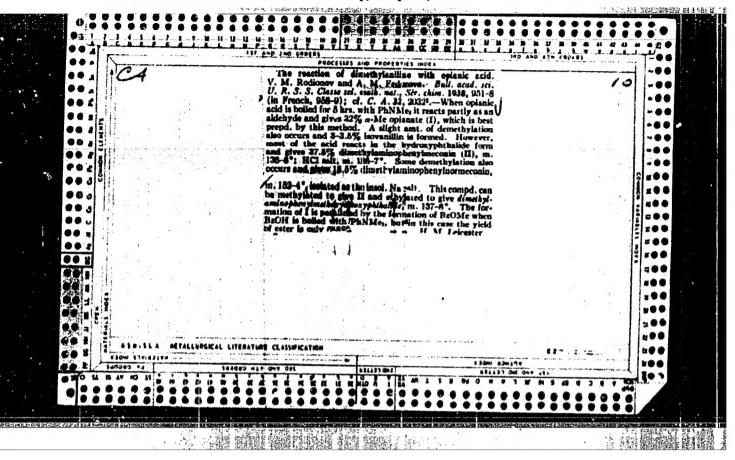
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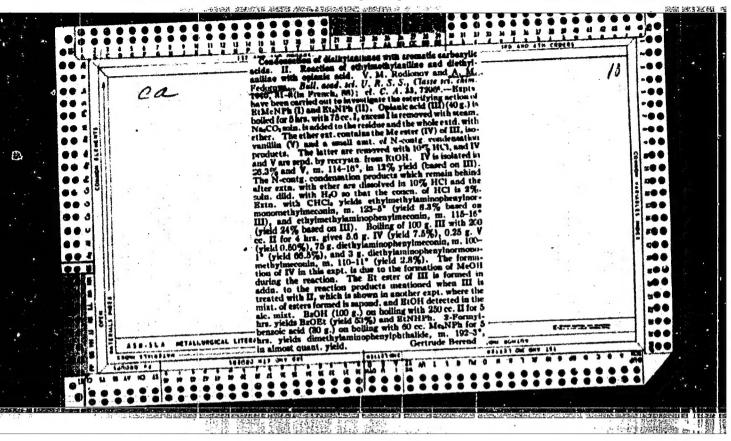


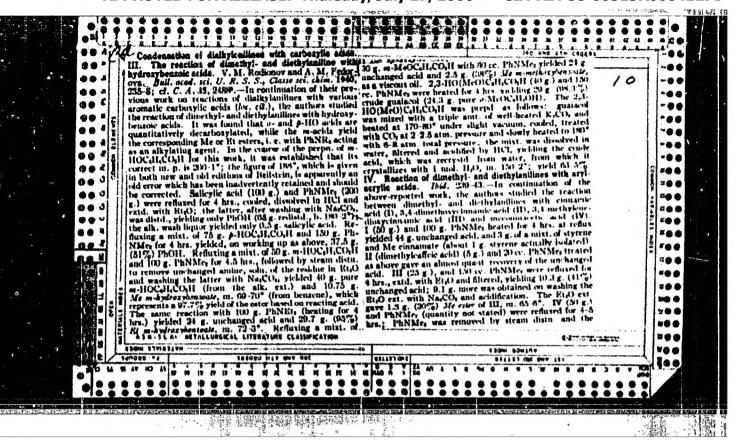


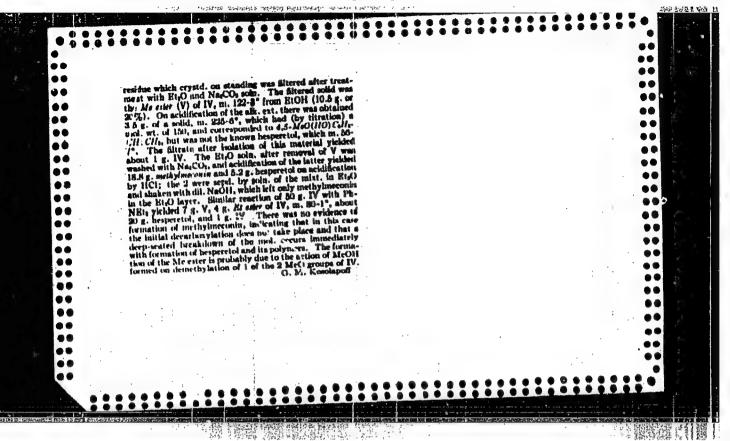


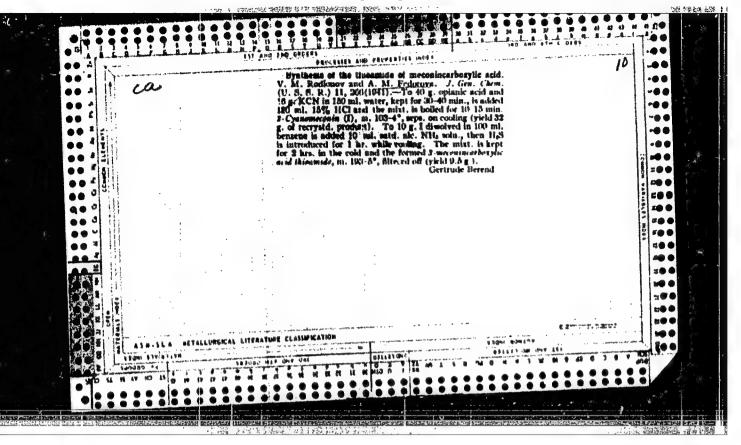


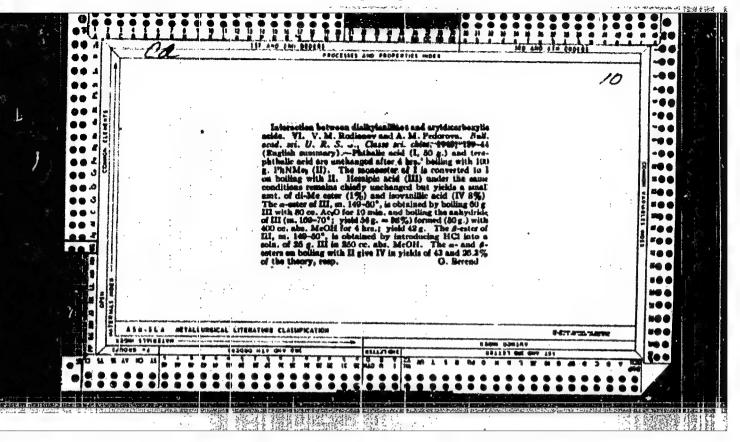


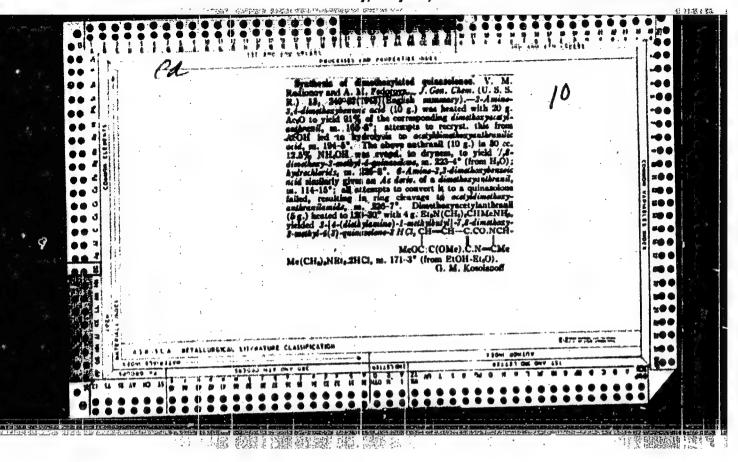


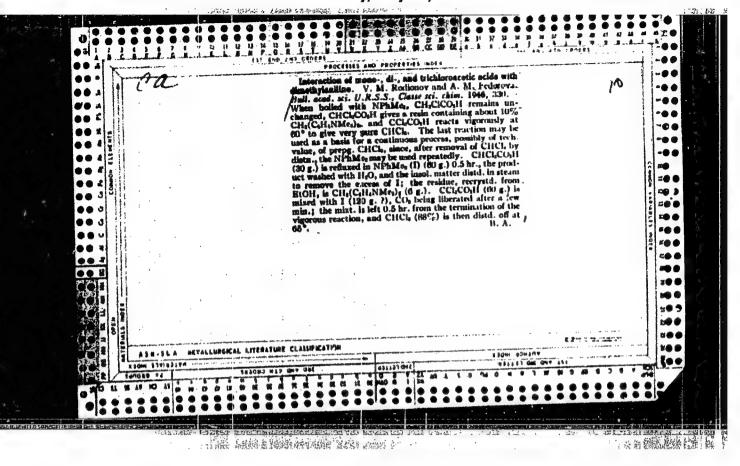






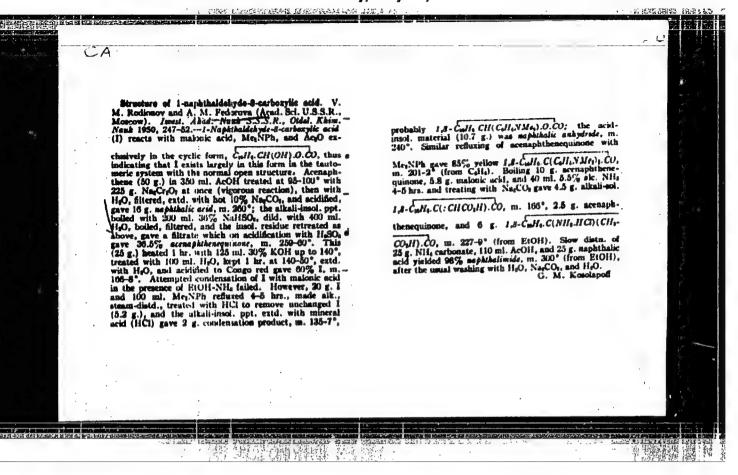






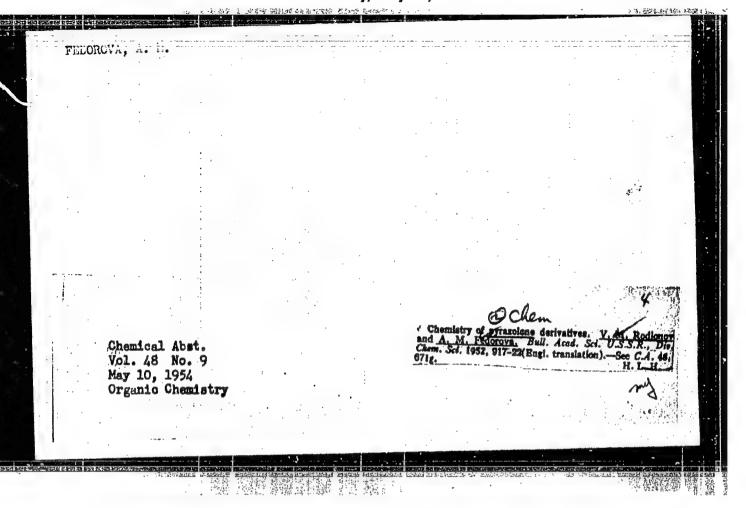
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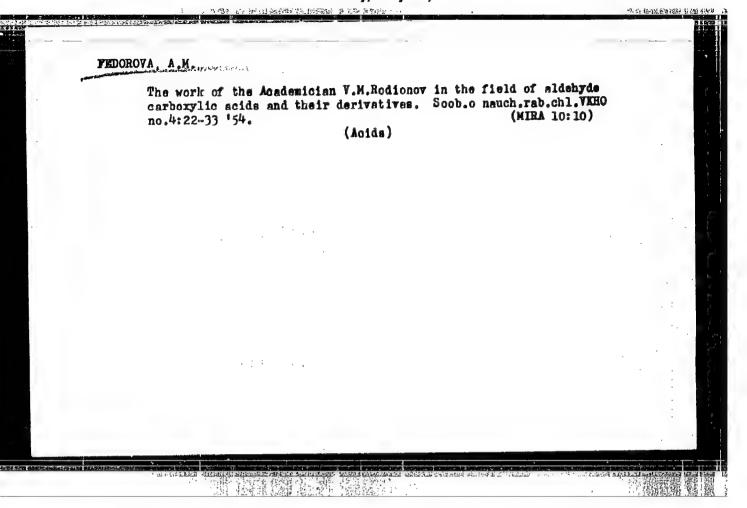
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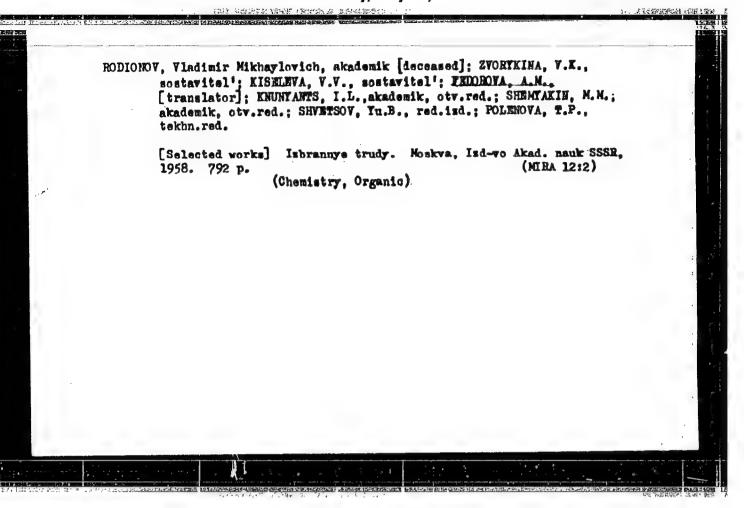


the aq. icrude ad a syrazolini (25 g.) in 1 by 5 g. N. b. Med. (25 g.) in 2 by 5 g. N. b. Med. (25 g.) in 3 by 5 g. N. b. Med. (25 g.) in 3 by 5 g. N. b. Med. (26 g.) in 3 by 5 g. N. b. Med. (26 g.) in 3 by 5 g. N. b. Med. (26 g.) in 3 by 5 g. N. b. Med. (26 g.) in 3 by 5 g. N. b. Med. (26 g.) in 3 by 5 g. N. b. Med. (27 g.) if the real boiling M. The above gave 64. (27 g.) Si Jan. S. V. 48 25 Jan. 54 p. Jan. Med. (25 g.) in 3 by 5 g. N. b. Med. (26 g.) in 3 by 5 g. N. b. M

Ch. 17 of pyrazolene derivatives. V. M. Rodinnoz. and A. 6. Redorova. Iswest. Akad. Nauk S.S.S.R., Oldel.—
Khim: Nauk 1958, 1041-56.—To 200 ml. NasSos preptifrom 50 ml. 36% NaHSO4 and 150 ml. 5% NaOH, was added 24.9 g. N-methorycarbonyl-p-aminobenzenesulfonyl chloride (I); after shaking 2 hrs. with addn. of NaOH to maintain alkalinity the filtrate was acidified with 60% helding 33.7% p-MeO₂CHNCH₂SO₂H, m. 1142-5 (from H₂O). This (15 g.) in 148 ml. warm 2.5% Na₂CO₃ treated with 11.8 g. AliNO2 in H₂O gave 71.5% Ag solt, which refluxed 2 hrs. on steam bath with MeI gave 68% Mesiler, m. 182-3°; the same forms in 53% yield through the K salt and MeI in MeOH; the K salt is obtained by evapn. of soln. of the acid in K₂CO₃ soln. I (48 g.) in 200 ml. MeOH treated with MeONa, from 5 g. Na and 150 ml. MeOH, tuder 10° gave p-MeO₂CNHC₂H₃SO₃Me, 80.5%, m. 115-16° (from MeOH); if NaOH is used in place of MeONa, the yield drops to 60-1%. The ester (4.5 g.) and 3.5 g. 1-phenyl-3-methyl-2-pyrazol'n-5-one heated 30 min. at 100°, dilid. in H₃O and extd. with Rt₃O gave on evapn. of

the aq. layer, extn. with EtOH and addn. of RteO the crude adduct. m. 88-60°, 1-phenyl-J.-dimethyl-5-ozo-3-byrazolinium p-N-melhoxycarbonylaminobenzenesnifonate. I [25 g.) in 250 ml. Et₁O treated with 100 g. NaHCO₁ followed by 5 g. NH₂NH₂ in 45 ml. EtOH with cooling, gave 81% b-MeO₂CNHCMISO₂NHNII₁, m. 170-3° (crude), m. 181-3° (decompn., from EtOH). This (4.9 g.) and 3 ml. AcCH₂CO₃Et in 30 ml. EtOH refluxed 1 hr., concd. and cooled, gave 80.5% p-methoxycarbonylaminophenyl 3-methyl-5-oxo-2-pyrazolin-1-yl sulfene, m. 166-8° (from EtOH). If the reaction is run with azeotropic removal of H₂O is boiling MePh the yield is 90% and product, m. 158-60°. The above hydrazide refluxed 1 hr. with BzH in RtoRf. gave 64.7% p-MeO₂CONICMISO₂NHN: CHPh, m. 198-20°. Similar reaction with Me₂CO in AcOH gave 43% p-MeO₂CNIICMISO₂NHN: CHPh, m. 198-20°. Similar reaction with Me₃CO in AcOH gave 43% p-MeO₂CNIICMISO₂NHN: CHPh, m. 198-20°. Similar reaction with Me₃CO in AcOH gave 43% p-MeO₂CNIICMISO₂NHNHNI₁, which (3 g.) refluxed with 1.7 ml. AcCH₂CO₃Et in presence of NaHCO₃, as above, gave 15.5% p-AcNIICMISO₂NHNNI₁, which (3 g.) refluxed with 1.7 ml. AcCH₂CO₃Et in 130 ml. H₁O, then heated 0.5 hr. On 18.5 ml. AcCH₂CO₂Et in 130 ml. H₁O, then heated 0.5 hr. On 18.5 ml. AcCH₂CO₃Et in 135 ml. H₁O, then heated 0.5 hr. On 18.5 ml. AcCH₂CO₃Et in 135 ml. H₁O, then heated 0.5 hr. On 18.5 ml. 18.5 ml. H₁O, then heated 0.5 hr. On 18.5 ml. 18.5 ml. H₁O, then heated 0.5 hr. On 18.5 ml. Acoh 18.5 ml. H₁O, then heated 0.5 hr. On 18.5 ml. H₁O and filtered, yielding 64.2% product, crystals (from 18.50% EtOH). Attempts to deacetylate this material with 18.5 ml. H₁O and filtered, yielding 64.2% product, crystals (from 18.5 ml. H₁O and filtered, yielding 64.2% product, crystals (from 18.5 ml. Me₂CO 1 hr., followed by conca. and treatment with NH₂OH and extra. with CHCl₃ gave 74% free assisted the ring in II by heating under various conditions gave the ring in II by





DAVYDKOV, N.I.; FEDOROVA, A.M.

Concerning R.A.Geguchadze and V.S.Kaminskii's article "On the cleaning of Georgian coals for coking." Koks i khim. no.9:58 '60.

(MIRA 13:9)

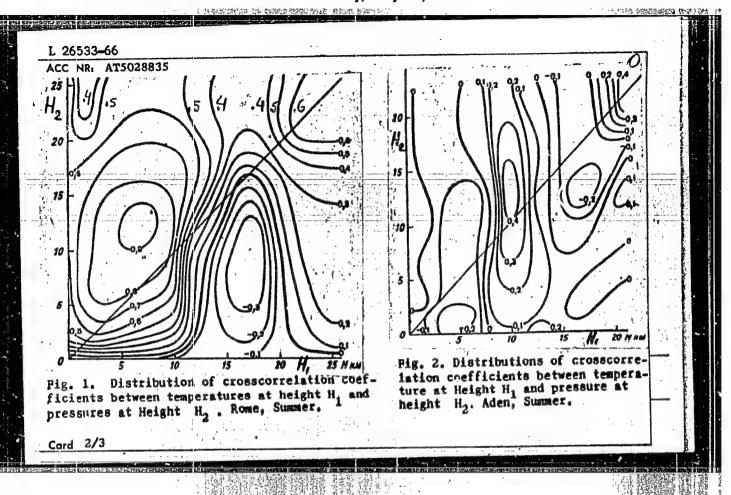
1. Nauchno-issledovatel'skiy institut Ugleobogashcheniya.

(Coal preparation)

(Geguchadse, R.A.)

(Kaminskii, V.S.)

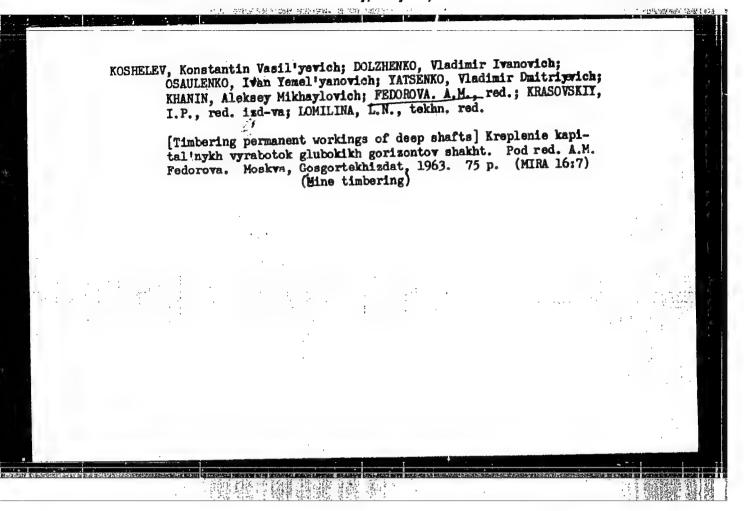
AUTHOR: Mortsalova, O.B.; Fedorova, A.M. ORG: none TITLE: Correlation between temperature and pressure in the free atmosphere over the northern hemisphere SOURCE: Moscow. Nauchno-issledovatel'skiv institut aeroklimatologii. Trudy, no. 30, 1965. O korrelyatsionnykh zavisimostyakh temperatury i davleniya v svobodnoy atmosfere (Correlations of temperature and pressure in the free atmosphere), 92-101 TOPIC TAGS: free atmosphere, atmospheric pressure, atmospheric temperature, troposphere, stratosphere ABSTRACT: To gain insight into the crosscorrelation between temperature and pressure were computed at the whole range of available altitude level daperature and pressure were computed at the whole range of available altitude level daperature and pressure were computed at the whole range of available altitude level form of graphs depicting isocorrelate lines (lines of equal crosscorrelation coefficients) as functions of temperature at a given height H ₁ (abscissa), and pressure at a desired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired pressure-correlating height H ₂ (ordinate). Graphs are presented for three repdesired	. 26533-66 EWT(1)/FIX GW ACC NR. AT5028835	SOURCE CODE: UR/2	2667/65/000/030/0092/0101
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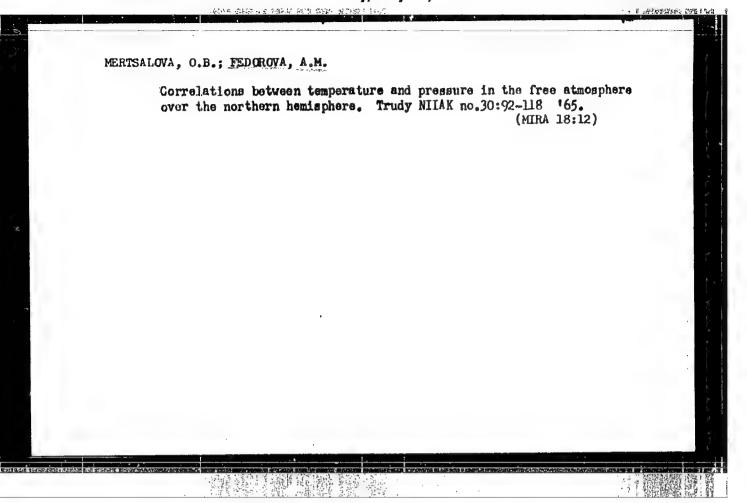


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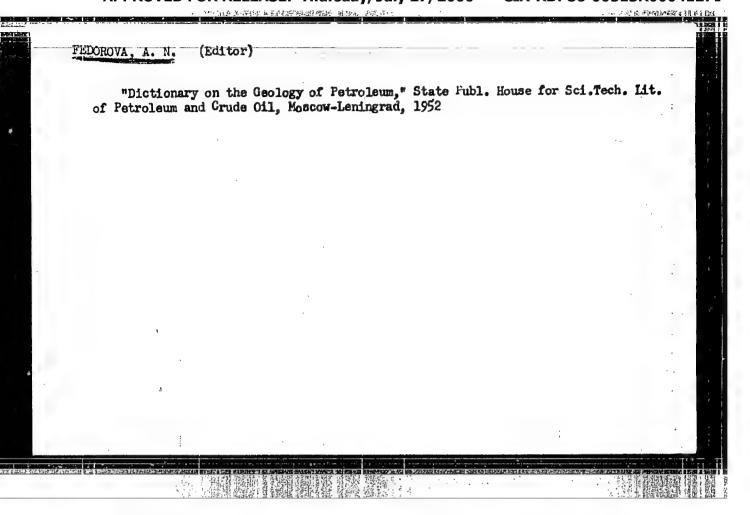


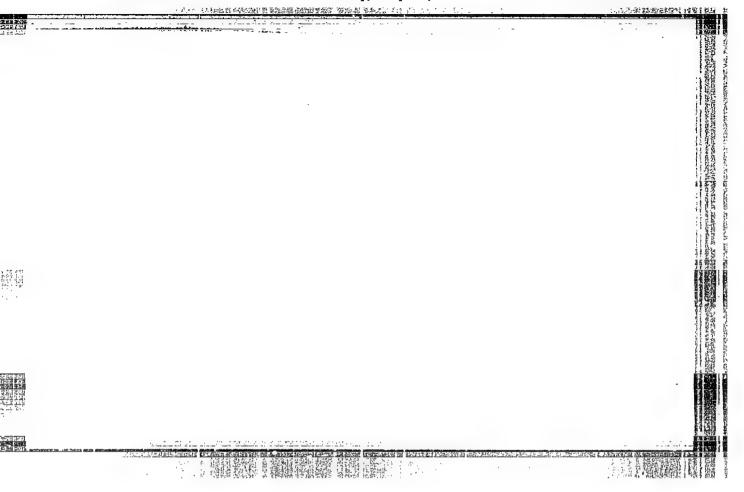


SHEVTSOVA, Z.N.; KULICHKINA, G.N.; FEDOROVA, A.N.

Solubility isotherms of the systems: PrCl3-KCl - H₆O and PrCl3-NH₄Cl - H₂O at 25 and 50°. Izv. vys. ucheb. zav.; khim. 1 khim. tekh. 4 no. 2:178-179 '61.

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova. Kafedra tekhnologii redkikh i rasseyannykh elementov. (Systems (Chemistry)) (Solubility)





FEDOROVA, A.P. [Fedorova, H.P.]; KOROTKORUCHKO, V.P.

Isolation and study of the fractional nature of specific proteins of blood serums in carcinomatous rabbits and cancer patients.

Ukr. biokhim. zhur. 36 no.5:654-664 '64.

(MIRA 18:6)

1. Institut biokhimii AN UKTSSR, Kiyev.

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041271

AP7002643 ACC NRI SOURCE CODE: UR/0413/66/000/023/0137/0188 Trusov, V. M.; Fedorova, A. P. INVENTOR: ORG: None TITLE: A digital device for recording information from frequency meters. Class 42. No. 151888 SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966. 187-188 TOPIC TAGS: digital system, frequency meter ABSTRACT: This Author's Certificate introduces a digital device for recording information from frequency meters. The unit contains a standard frequency pulse generator, a counter-divider, an output counter and a system of valves. The unit is designed for using a loop or electronic oscillograph as the code registration instrument. The output of the frequency meter is connected to the input of a counter-distributor which controls a commutator used for sequential connection of the loop (beam) of the oscillograph to all digits of the output counter. SUB CODE: 09/ SUBM NATE: 02Mar62

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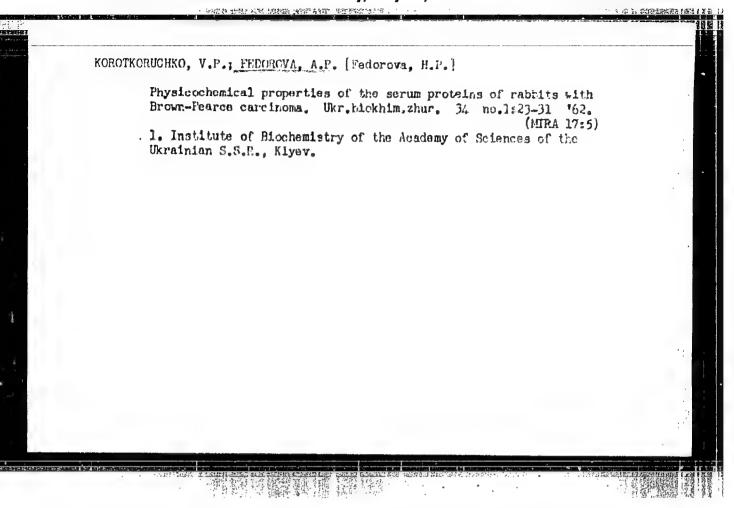
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KOROTKORUCHKO, V.P.; DVORNIKOVA, P.D.; ISHCHENKO, I.N.; Prinimal uchastiye: FEDORCHENKO, Ye.Ya.; LEVRESHCHUK, L.N.; FEDOROVA, A.P.; MALINOVSKIY, Yu.I.

Activity of some glycolytic enzymes in the blood of patients with cancer. Vop. med. khim. 7 no.3:273-276 My-Je '61. (MIRA 15:3)

1. First Surgical Clinic of the "A.A. Bogomolets" Medical Institute, and Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiev.

(CANCER) (GLYCOLYSIS)



UDEL NOV, M.G.; FEDOROVA, A.P.

Work of the muscle trabecula as related to its initial length. Nauch. dokl. vys. shkoly; biol. nauki no.4:43-48 [63]. (MIRA 16:11)

1. Rekomendovana kafedroy fiziologii zhivotnykh Moskovskogo gosudarstvemnogo universiteta im. M.V.Lomonosova.

UDEL'NOV, M.G.; FEDOROVA, A.P.

Work of the muscular trabecula in relation to stress and initial length. Biul. eksp. biol. i med. 56 no.8:3-7 Ag '63.

(MTA '7:7)

1. Iz kafedry fiziologii shivotnykh i cheloveka (zav. deystvitel'nyy chlen AMN SSSR prof. A.V. Lebedinskiy) Moskovskogo gesudarstvennogo universitata ineni M.V. Lomonosova. Predstavleno deystvitel'nym chlenom AMN SSSR A.V. lebedinskim.

IATSIMIRSKIY, K.B.; BUDARIN, L.I.; BLAGOVESHCHEMSKAYA, N.A.;
SMIRNOVA, R.V.; FEDOROVA, A.P.; FATSIMIRSKIY, V.K.

Determination of microquantities of iodide by its catalytic action on thiocyanate oxidation reactions. Zhur. anal. khim.
18 no.1:103-108 Ja '63. (MIRA 16:4)

1. Ivanovo Chemico-Technological Institute.
(Iodides) (Thiocyanates) (Oxidation)

FEDOROVA, A.P.

Effect of necrotized tissue on the bioelectrical and mechanical activity of the trabecula. Vest. Mosk. un. Ser. 68Biol. proms. 18 no.3218-24 My-Je'53 (MIRA 1787)

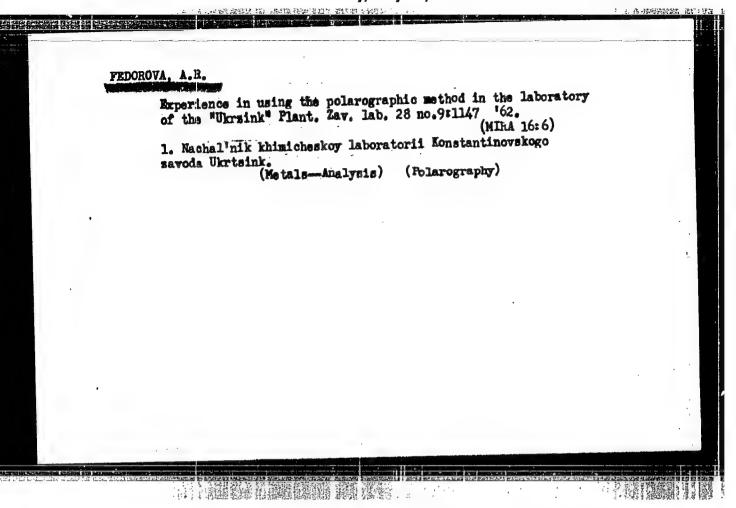
1. Kafedra fiziologii zhivotaykh Moskovskogo universitain.

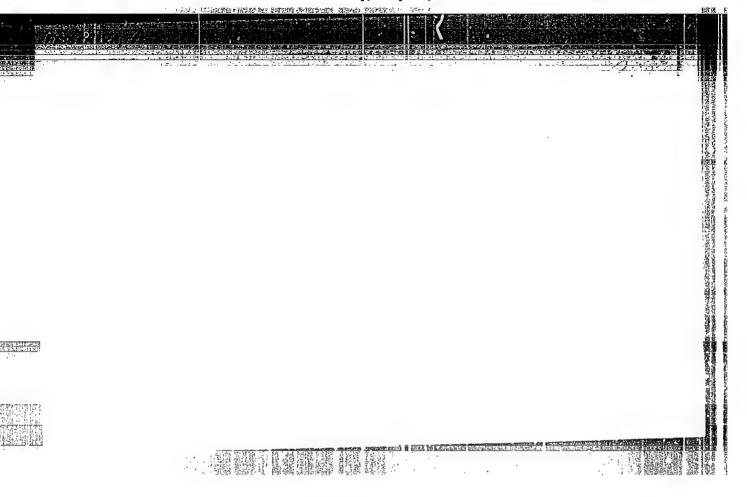
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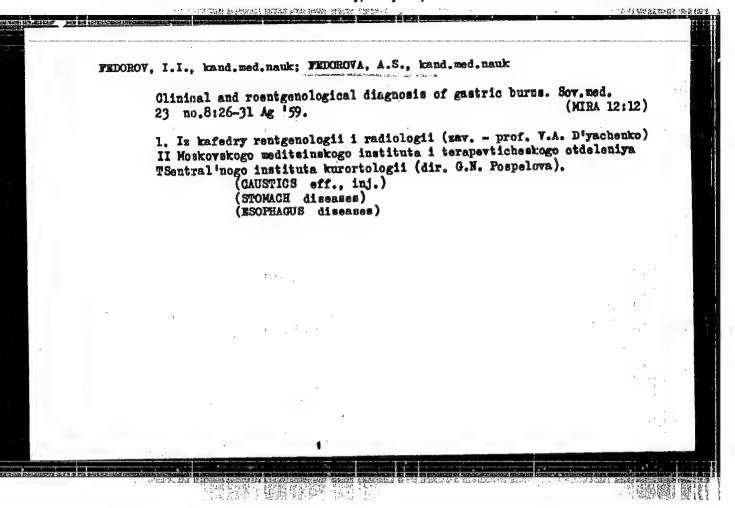
ROZENSHTRAUKH, L.V.; FEDOROVA, A.P.

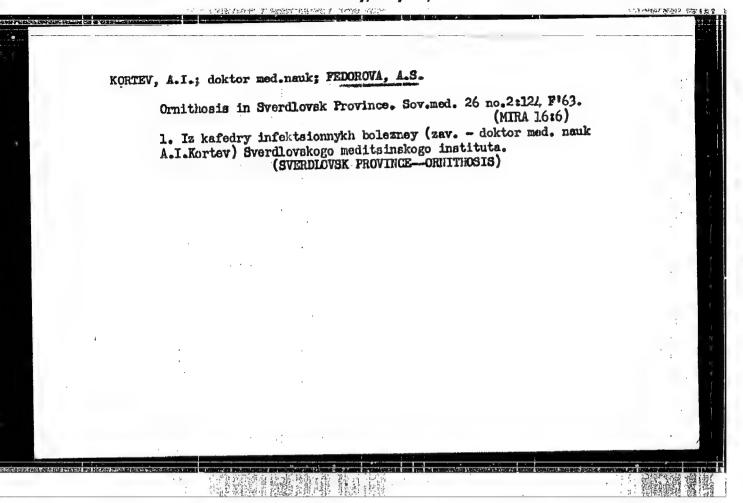
Mechanism of pharmacological cardioplegia. Biul. eksp. biol. i med. 56 no.9:65-69 S *63. (MIRA 17:10)

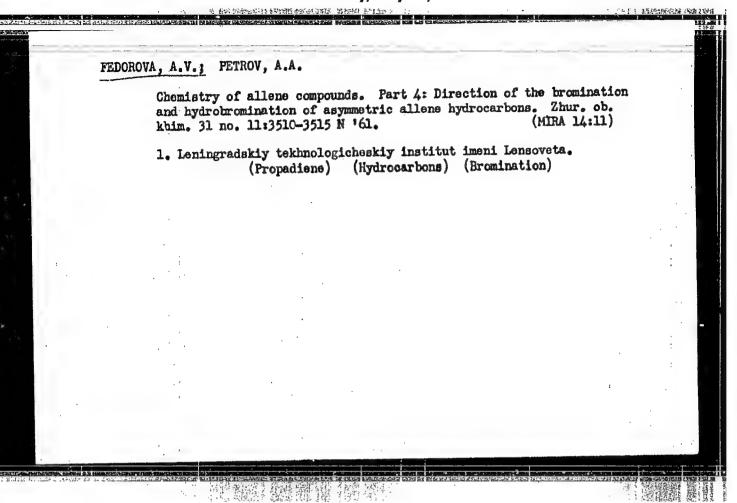
1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav. - deystvitel'nyy chlen AMN SSSR prof. A.V. Lebedinskiy) biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomonosova. Predstavlena deystvitel'nym chlenom AMN SSSR A.V. Lebedinskim.











Conjugated systems. Part 165: Condensation of alkenyl allenes with maleic anhydride. Zhur.ob.khim. 32 no.11:3537-3540 N 162.

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta. (Propadiene) (Maleic anhydride)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041271

FEDOROVA, A. V.--"Histamine Content and the Activity of Histaminase and of True
Cholinesterase of Blood and Lymph Under Normal Conditions and on
Inflammation, "Moissertations For Degrees In Science and Engineering
Defended at USSR Higher Educational Institutions) (29) Min Higher
Education, Leningrad Veterinary Inst, Leningrad, 1955

SO: Knizhnaya Letopis' No 29, 16 July 1955

* For the Degree of Candidate in Veterinary Sciences

FEDOROVA, A.V.

Formation of histaminase and its supply to the lymphatic system. Dokl. AN SSSR 110 no.6:1038-1040 0 '56. (MERA 10:2)

1. Leningradskiy veterinarnyy institut. Predstavleno akademikom L.A. Orbell. (Histaminase)

USSR / General Problems of Pathology. Inflammation. U-1

Abs Jour: Ref Zhur-Biol., No 15, 1958, 70692.

: Fedorova A.V. Author

Inst

: Not given.
: The Content of Histamine in the Blood and Lymph. Title The Activity of Histaminase and Cholinesterase in

the Development of Experimentally Induced Inflam-

mation.

Orig Pub: Byul. eksperim. biol. i meditsiny, 1957, 44, No 8,

26-28.

Abstract: Inflammation was produced in cats by an introduction of turpentine in the intestinal walls and

cavity (0.1 milliliter in 10 to 20 places). After three hours, and up to 10 days, a determination was made of the histamine content and of the acti-

vity of the histaminase and cholinesterase in the

Chair Pathological Physiology , Levingral Vet Inst.

Card 1/2

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000412

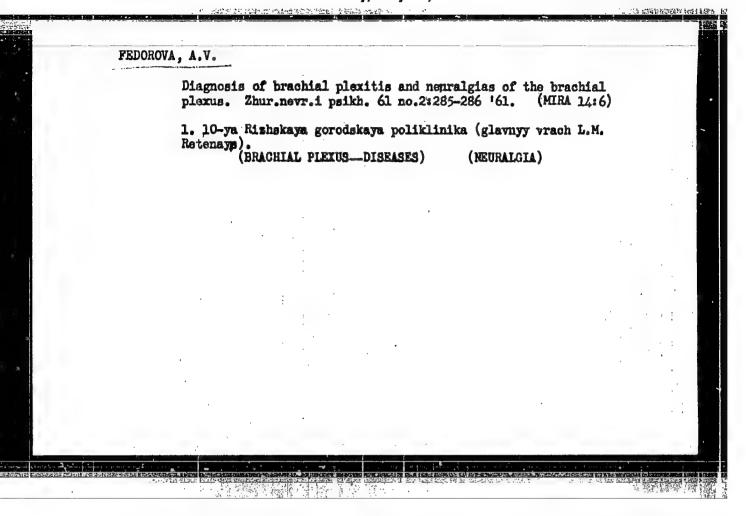
USSR / General Problems of Pathology. Inflammation. U-1 Abs Jour: Ref Zhur-Biol., No 15, 1958, 70692.

Abstract: blood of the carotid artery and in the lymph of the thoracic duct. The content of histamine in the blood and lymph gradually increased, and reached a maximum in three days (260 and 182 percent respectively). In ten days, the concentration of histamine in the blood was higher than in the lymph (117 and 80 percent). The content of histamine in the blood and lymph changes at almost the same rate, and reaches a maximum in three hours (201 percent in the blood and 164 percent in the lymph). During the following days the activity of the histaminase decreased; yet it remained somewhat higher than normal. The activity of the cholinesterase decreased in the blood and lymph, especially after two to three days (49 and 50 percent of the original figure). www I. A. Ovvin

FEDOROVA, A.V., saslushennaya uchitel'nitsa shkoly RSFSR

Examination on cattle breeding is a new type of examination.
Politekh.obuch. no.11:29-31 N '59. (MURA 13:2)

1. Shilovskaya srednyaya shkola Ryasanskoy oblasti.
(Shilovo (Ryasan Province)--Cattle breeding--Study and teaching)



S/020/62/145/004/019/024 B110/B144

AUTHORS:

Fedorova, A. V., Stadnichuk, M. D., and Petrov, A. A.

TITLE:

Addition of methyl dichlorosilane to allene hydrocarbons

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 145, no. 4, 1962, 837 - 840

TEXT: The addition of methyl dichlorosilane to propyl and butyl allenes as well as to methyl propyl and methyl amyl allenes in the presence of HPtCl6 was investigated. The monoadducts were subjected to JR-spectral and ozonolytical analysis and to hydration. The effect of adding methyl and ozonolytical analysis and to hydration. The effect of adding methyl dichlorosilane to olefins depends evidently on a nucleophilic mechanism dichlorosilane to olefins depends evidently on a nucleophilic mechanism whereby, firstly, the hydride ion attaches itself to the central atom of the allene system. Since the direction of addition is determined sterically, a 1,2-addition takes place in the case of monosubstituted allenes, but addition on the small radical in the case of disubstituted allenes. The properties of all monoadducts are listed (Table 2). There are 1 figure and 2 tables.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta (Leningrad Technological Institute imeni Lensovet)

Card 1/2.

S/020/62/145/004/019/024 B110/B144 Addition of methyl dichlorosilane to ... PRESENTED: . March 9, 1962, by B. A. Arbuzov, Academician SUBMITTED: March 4, 1962 Table 2. Legend: (1) substance (main product), (2) boiling point, °C, (3) pressure, mm. **(**) Вещество (главный продукт) Table 2 $C_iH_i - CH = CH - CH_iSi (CH_i)_i$ 60--61 0,7563 1,4241 $C_tH_t - CH = CH - CH_tSi(CH_t)_t$ 56--57 0,7683 1,4339 C.H. - CH - CHSI (CH.). 50---51 0,7808 1,4430 C_iH_{ii} - CH = CH - CHSI (CH_i), 81-82 0,7893 1,4450 0,7805 .1,4440 Card 2/2

FEDOROVA, A.V., starshiy nauchnyy sotrudnik; MinZOYAN, A.A., mladshiy nauchnyy sotrudnik

Effect of the chronic injection of strontium-90 on the sugar content of blood and glycogen in liver. Vop. radiobiol. [AN Arm. SSI.] 3/4:121-125 '63.

Effect of X-ray irradiation on the histamine content and histaminase activity of the blood and some tissues. Ibid.:127-132 163.

(MIRA 17:6)

PETROV, A.A.; FEDOROVA, A.V.

Allene hydrocarbons. Usp.khim. 33 no.1:3-27 Ja '64.

(MIRA 17:4)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

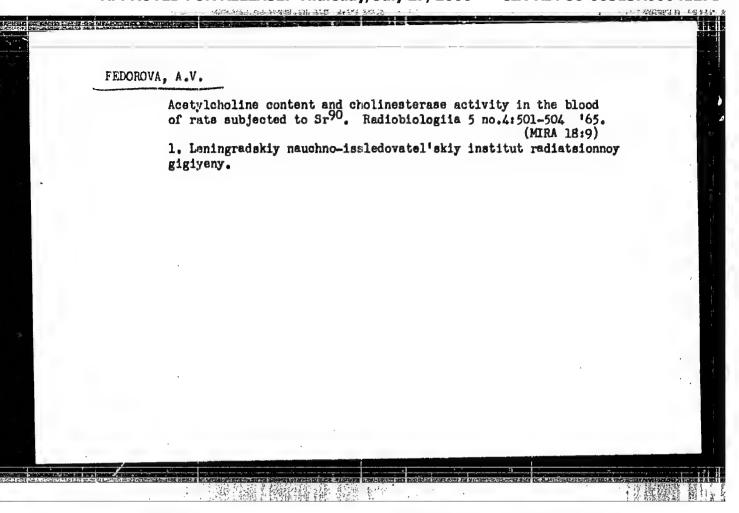
"APPROVED FOR RELEASE: Thursday, July 27, 2000

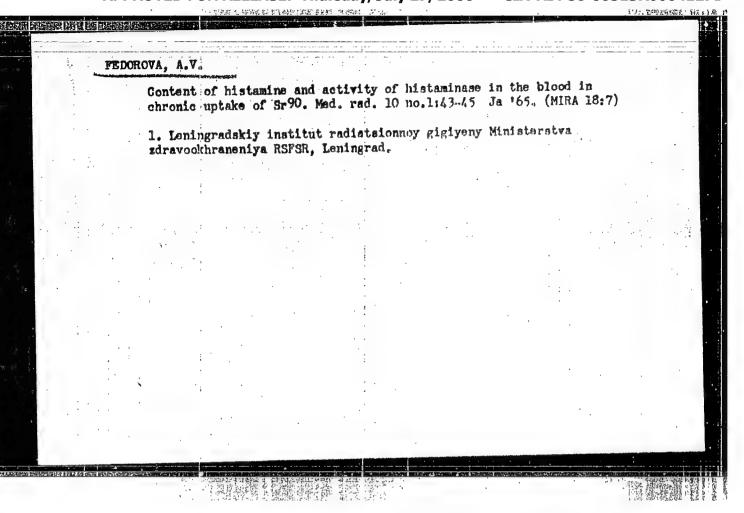
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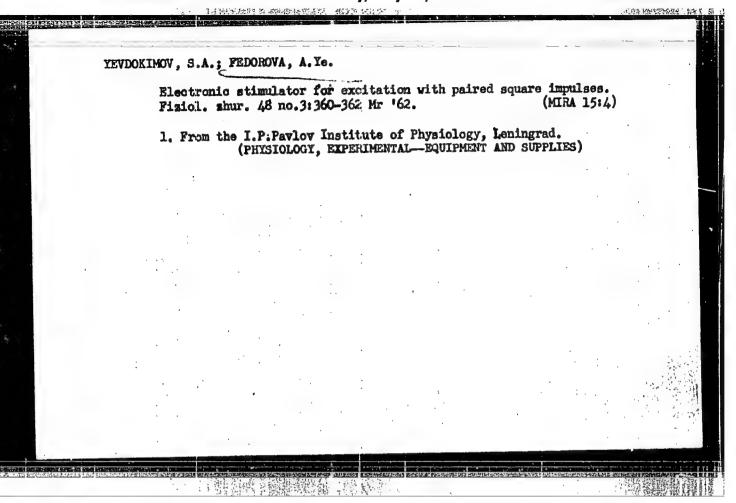
M RONOV, V.Ye.; KUL'BA, F.Ya.; FEDOROV, V.A.; FEDOROVA, A.V.

Chloride complexes of bivalent lead. Zhur. neorg. khim. 9 no.9:
2138-2141 S '64. (MIRA 17:11)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta,
kafedra obshchey khimii.







ACCESSION NR: AP4024064

8/0048/64/028/002/0384/0387

AUTHOR: Vittedgrube, G.S.; Dunayevskaya, H.V.; Fedorova, D.B.

TITLE: The FEU-56 photomultiplier tube Report, Thirteenth Annual Conference on Nuclear Spectroscopy held in Kiev 25 Jan to 2 Feb 19637

SOURCE: AN SSSR. Xzvestiya. Seriya fizicheskaya, v.28, no.2, 1964, 384-387

TOPIC TAGS: photomultiplier, photomultiplier characteristics, photomultiplier parameters, FEU-56, photomultiplier

ABSTRACT: The paper gives a description of the new Soviet photomultiplier designated the FEU-56 and the results of comparative measurements of the performance of this tube. The FEU-56 has an 80 mm diameter front window and an overall length of 125 mm. In general design it is similar to the FEU-52, and as in the case of the latter tube all the leads are brought out through the base (no side leads). In contrast to the FEU-52, however, the FEU-56 has an antimony-cesium photocathode on a transparent conducting backing. The basic parameters of the FEU-56 are listed in a table; it has 12 multiplication stages, its spectral sensitivity range extends from 3000 to 6500 R with the peak at about 4000 R. The operating characteristics are shown in curves

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and 3 table	5. 5. 5					*.* *.	•		
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ACCESSION NR: AT4016867

8/2531/63/000/143/0003/0013

AUMIOR: Pyaty*gina, K. V.; Fedorova, E. A.; Blazhevich, V. G.

TITLE: Preliminary results of testing an ageostrophic method for precomputing the fields of wind, temperature and vertical currents

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy*, no. 143,1963 Voprosy* chislennogo prognoza i struktura meteorologicheskikh poley (Problems in numerical forecasting and structure of meteorological fields) 3-13

TOPIC TAGS: meteorology, wind, air temperature, atmospheric vertical currents, ageostrophic model, atmospheric pressure field, baroclinic model.

ABSTRACT: A report has been published giving the preliminary results of testing the method for procomputing the fields of wind, temperature and vertical currents in the atmosphere, using an ageostrophic model, originally proposed by Pyatygina (Trudy GGO, No. 121, 1961). Computations were made with a BESM-II computer. The initial data were the components of the geostrophic wind and temperature at 263 points on a European grid. Only three precomputations have thus far been made for 12- and 24-hour periods. The synoptic situation for the three cases is described. The precomputed and actual values for the wind field were compared for

Card 1/872

ACCESSION NIL: AT4016867

the 97 inner points of the grid. The method for evaluating statistical errors is discussed. In the prediction of the wind field for 12 hours in advance the results were satisfactory for the 850- and 500-mb levels, with somewhat less error for the lower level. Errors are less than when the inertia method is used, particularly for the 850-mb level. The time interval used was 2 hours. This interval was unsatisfactory for a 24-hour prediction of the wind and temperature fields. Reduction of the interval to 1 hour for the four levels analyzed yielded satisfactory results for the 24-hour forecast for the 850- and 500-mb levels, but considerable error remained for the 300- and 200-mb levels; errors were prominent in the region of jet streams. Fig. 1 in Enclosure shows an example of the temperature forecast. The temperature field was computed on the basis of vertical velocities, which were precomputed successfully. Temperature prediction is more accurate than wind field prediction. Orig. art. has: 1 figure, 2 formulas, 9 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya (Main Geophysical Observatory)

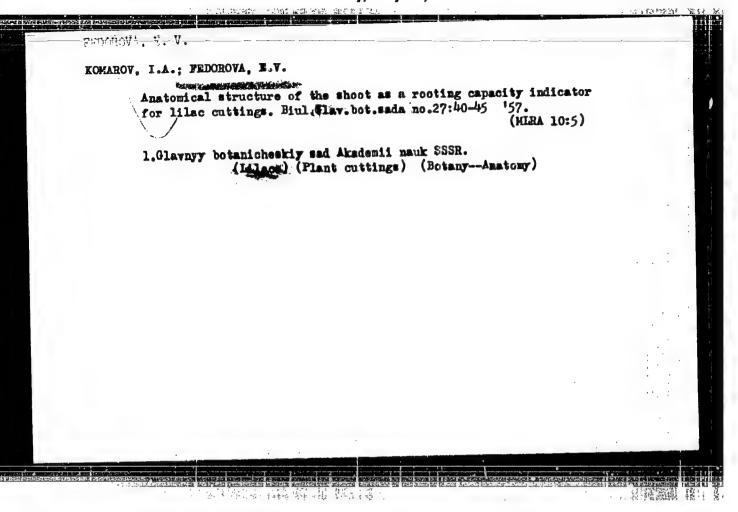
cord 2/57_

L 01453-66 EWT(1)/FCC ACCESSION NR: AT5017065 UR/2531/65/000/168/0003/0013 AUTHOR: Pyatygina, K. V.; Blazhevich. TITLE: Results from testing of an agenstrophic model for predicting wind and temperature fields for several atmospheric levels SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 168, 1965. Chislennyy analiz i prognoz pogody (Numerical analysis and weather forecasting), TOPIC TAGS: geostrophic wind, weather forecasting, atmospheric geopotential 12:44,55 ABSTRACT: The results of 27 daily for casts of wind and temperature fields for levels of 850, 500, 300 and 200 mb are analyzed. In contrast to earlier works, the temperature and wind fields were predicted using a system in Lagrange variables. The method used is briefly described. A high speed electronic computer was used for making the claculations. The initial data consisted of 333 values of geopotential and 263 temperature readings on each of the four levels studied. Tables are given showing the reliability of forecasts for geostrophic wind velocity and temperature variation. Predictions of wind velocity were much more accurate on the 850 and Card 1/2

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500 mb levels than on the 300 mb level, 8.0 m/sec for the levels. The absolute error in the average. However, for the	temperature prediction for	the troposphere is 2° on considerably greater
 (3.20). The coefficient of co	prelation between the actual months actually and the second	300 mb level. The data are
 compared with those of other a	authors. Orig. art. has!	? figures, 10 formulas, 6
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SHILLER-VOLKOVA, N.N.; KOLGHINA, T.P.; NEVSKAYA, Ye.A.; ORLOV, N.I.;
TROITSKAYA, I.P.; FEDOROVA, F.A.; MYASEIKOVA, O.F.

Experience in the use of cytologic methods in preventive examinations of women. Akuch. i gin. 40 no.4:72-74. J2-Ag '64.

(MIRA 18:4)

1. Gosudaretvonnyy onkologicheekiy institut imeni Gertsena (dir. - prof. A.N.H.vikov), Moskva i Rodil'nyy dor. No.6 (glavnyy vrach I.V. Pavlova), Moskva.

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041271

FEDORIVA, F. F.

Fedorova, F. F. - The Age of the Kochkaroviskiy Magmatic Complex of the Southern Urals According to Data Obtained by the Lead and Argon Method.

The Sixth Session of the Sommittee for Determining the Absolute Age of Geologic Formations at the Department of Geologic-Geographical Sciences (OGGN) of the USSR Academy of Sciences at Sverdlovsk in May 1957

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"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041271

USSR/Cultivated Plants - Technical, Olcashous, Sachariferous. 11-7

Abs Jour : Nef Zhur - Biol., No 9, 1958, 39419

Author : Fedorova, G., Berezovskaya, A.

Inst

Title : Honoccious Herm.

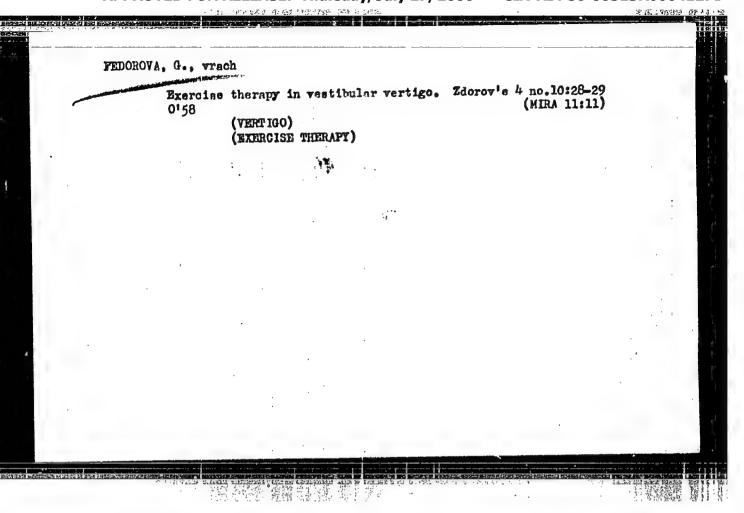
Orig Pub : Sovicioznoye proiz-vo, 1957, No 9, 68-69.

Abstract : No abstract.

Card 1/1

- 1. USPENSKTY, A.; FEDOROVA, G.
- 2. USSR (600)
- 4. Poultry, Dressing of
- 7. Comparative evaluation of methods for killing poultry, Mias. ind. 24, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.



對文學分數權。然為於於自

TEPINKICHIYHY, Vladimir Karpovich; JEDOROVA, G.A., red.; ZHEREBKOV, I.V., red.;zd-vs; ABRAMOVA, Ye.A., tekhn.red.

[Program control of machine tools] Programmoe upraviense stankami. Rostov-na-Donu, Rostovskoe knizhnoe ind-vo, 1559.

74 p.

(Machine tools--Numerical control)

SOV/137-58-10-21483

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 146 (USSR)

AUTHORS: Abrikosov, N. Kh., Bankina, V.F., F. dorova, G.A.

TITLE: Investigation of the Bi-Te System (Issledovaniye sistemy Bi-Te)

PERIODICAL: V sb.: Vopr. metallurgii i fiz. poluprovodnikov. Moscow, AN SSSR, 1957, pp 91-96

ABSTRACT: Ref. RZhMet, 1958, Nr 10, abstract 21482

1. Bismuth tellerium alloys -- Analysis

Card 1/1

GROSHKO, B.B.; GRACHEVA, V.P.; RASTORGUYEVA, G.P.; RIKHTER, B.V.;
FEDORIVA, G.A.:

Meteorological observations in analyzing the industrial pollution of the ground layer of the atmosphere. Trudy GGO no.138:18-30 '63. (MRA 17:2)

FEDORDVA, G. A.

PA 31/45733

US B/Medicine - Liver, Function Tests Nov 48

Medicine - Liver, Diseases

Medicine - Liver, Diseases

of the Liver and Kidneys," G. A. Fedorova, Faculty
Therapeutics Clinic, Sanitary Hygiene and Pedicatrics Faculty, Tashkant Med Inst, 2 pp

"Klin Med" Vol XXVI, No il

Investigates 65 cases. Concludes that in acute
perenchymatous hepatitis there is considerable reduction in antitoxic function of liver. Kidney
function remained normal except in one case of
clyapean hepatitis where there was 3.3% albumin
in urine.

LAVRISHCHEVA, L.N.; FEDOROVA, G.A.; BELOV, V.N. [deceased]

Benzacridines. Part 1: Symthesis of 5-alkylamino-1,2-dihydro-3,4-benzacridines. Zhur.ob.khim. 33 no.12:3961-3964 D '63.(MIRA 17:3)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva.

5/181/62/004/008/004/041 B125/B104

V. M., and Fedorova, G. A.

TITLE:

AUTHORS:

Eigh-voltage photoelectromotive forces in layers of

antimony triselenide

Fizika tverdogo tela, v. 4, no. 8, 1962, 2026-2030 PERIODICAL:

10 L. Burge, Carlos de Surveya de Branda de Branda

TEXT: The spectral distribution of the photoeffect, its lag and its dependence on light intensity were measured with the same instruments that had been used by B. T. Kolomiyets and V. M. Lyubin (FTT, 1, 740, 1959). Antimony and selenium were fused to Sb2Se3 in vacuo and condensed

on glass or mice plates with platinum or Aquadag electrodes. voltage was measured with a tube electrometer of type 3MV-3 (EMU-3) or with electrostatic voltmeters of type C-95 (S-95). The photo-emf depends on the temperature t of the backing during condensation and also on the angle 9 of incidence of the molecular beam, and reached its highest value at $\theta = 25-45^{\circ}$ and $t \approx 300^{\circ}$ C. A strong photo-emf can arise only in crystalline samples, and a weak one only in amorphous samples. The photo-emf, which does not arise near an electrode, increases in proportion

High-voltage photoelectromotive ...

\$/181/62/004/006/004/041 B125/B104

to the electrode spacing. The photo-emf produced by frontal illumination with white light may have different signs even if the illuminated samples are produced under equal conditions. The volt-ampere characteristics recorded in light and in the dark are linear up to electric field strengths of 10⁴ v/cm. Both the rise and the decay times of the photo-emf are 10⁻⁴ sec at most and have no long-time components. The photo-emf of many samples rises very steeply at first. The photo-emf, however, tends to saturation, and its sign very often changes when white light is incident through the glass backing. The holus are the predominant carriers. Considerable photovoltage (20-30 v/cm) also occurs in Sb₂S₃, Sb₂S₃·Sb₂S₃ (p-type semiconductors), Sb₂S₃·Bi₂S₃, and 2 Sb₂S₃·Bi₂S₃ (n-type semiconductors). In the case of frontal illumination, the spectral properties of the photovoltage of high-efficient and lew-efficient layers are almost the same (Fig. 4). There are 6 figures.

SUBMITTED:

February 15, 1962

Card 2/6 >

89023

s/020/60/135/004/018/037 B019/B077

AUTHORS:

Lyubin, V. M., and Fedorova, G. A.

TITLE:

The Problem of High-voltage Photo-electromotive Forces in

Thin Semiconducting Layers

PERIODICAL:

Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 4, pp. 833-836

TEXT: The authors present the results of a study of high-voltage photo-emf in layers of CdTe and of some antimony and bismuth halides. The initial material was cadmium telluride which is available as a luminescent powder under the trade-mark "chistyy" ("pure"), or is obtained by melting the necessary portions of Cd and Te. Evaporation on glass or mica was done in a graphite container. In all layers produced by this method, a photo-emf of up to 80 - 100 v/cm was established, and some layers showed values of up to 150 - 180 v/cm at room temperature. The magnitude of the photo-emf was a function of the layer thickness, the temperature of the base, and the manufacturing process. A layer thickness of d $\simeq 1.5 \mu$ and a base temperature of about 300°C were found to be most favorable; the resistivity of the layer was 10^7 - 10^8 ohm.cm. These investigations showed that CdTe can be Card 1/2

89023

The Problem of High-voltage Photo-electromotive Forces in Thin Semiconducting Layers S/020/60/135/004/018/037 B019/B077

used in television devices. It was found that the sign of the photo-emf can be different even when using equal manufacturing methods. No change of sign was established when the interval between container and base was kept small during the production. The origin of a high-voltage photo-emf is explained by a photo current which might pass through the layer during evaporation and separate the ionized impurities. Tests did not confirm this theory. In different spectral ranges different signs of photo-emf were found; and test results indicated the existence of sublayers which complicate the explanation of high-voltage photo-emf. Practically the same results were obtained for the photo-emf of binary and ternary layers of antimony and bismuth produced in the same way as the CdTe layers. There are 2 figures, 2 tables, and 8 references: 4 Soviet and 4 US.

PRESENTED: June 20, 1960, by A. F. Ioffe, Academician

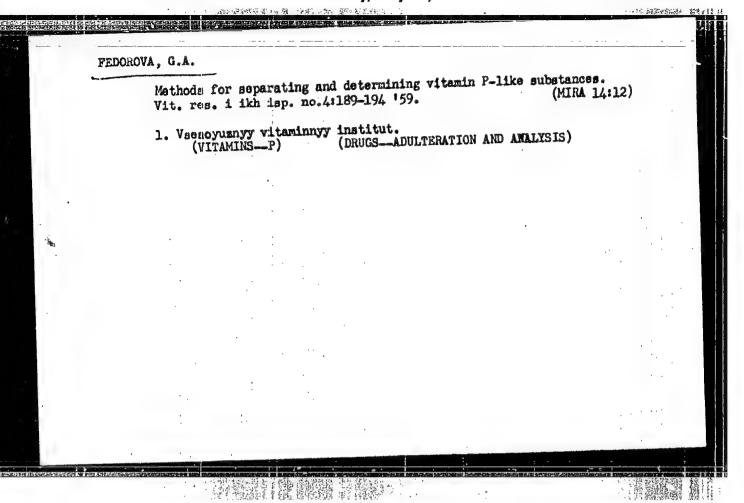
SUBMITTED: June 10, 1960

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CARANIN, I.L.; GORIDY, G.C.; FEDOROVA, G.A.

Obtaining cyclohe came by the hydrogenation of boniene. Whim.
i tekh. topl. i massl 9 no.7:28-31 Jl '6/.. (MIRA 17:12)

1. Krasmodarskiy filial Vsesoyuznogo neftegazovogo nauchnoissledovatel'skogo instituta.

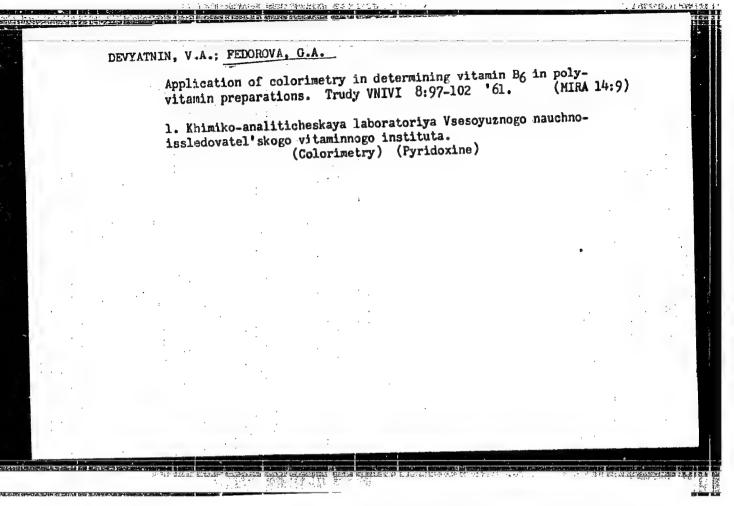


DEVYATNIN, V.A.; SOLUNINA, I.A.; FEDOROVA, G.A.; MEL'NIKOVA, Ye.Ya.;
SAMSONOVA, G.S.; ZHELTOVA, T.S.

Vitamin loss in cooking. Trudy VNIVI 8:93-96 '61. (MIRA 14:9)

1. Khimiko-analiticheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo vitaminnogo instituta.

(Vitamins)



L 04603-67 EWI(1)/EWP(e)/EWI(m)/T/EWP(t)/ETI IJP(c) JD/GG/AT/WH	
ACC NR: AP6033819 (N) SOURCE CODE: OR/O283/00/000/	
AUTHOR: Tsukerman, V. G.; Lyubin, V. M.; Vaynshteyn, E. Ye.; Fedorova, G. A.	
ORG: Institute of Inorganic Chemistry, Siberian Department, AN SSSR, Novosibirsk (Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR)	
TITLE: Photoelectric property of the selenium-arsenic-thallium semiconductor films in the x-ray spectral region	
SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya khimicheskikh nauk, no. 2, 1966, 51-58	
TOPIC TAGS: semiconductor film, arsenic selenide, thallium, arsenic, photoconductive film, x ray photography, TV tube, photoconductive film, x ray photography, TV tube, photoconductivity of amorphous ABSTRACT: The effect of thallium addition on the photoconductivity of amorphous selenium-arsenic semiconductor films, 0.3—7 µ thick, has been studied extensively in view of the expected improvement in photoelectric property of Se—As films. The in view of the expected improvement in photoelectric property of Se—As films. The first experimental data of the authors on the Se—As—TI films were published first experimental data of the authors on the Se—As—TI films were published elsewhere [FTT, 1965]. The films of Tl ₂ Se·10As ₂ Se ₃ ; Tl ₂ Se·2As ₂ Se ₃ ; Tl ₂ Se·As ₂ Se ₃ ; elsewhere [FTT, 1965]. The films of Tl ₂ Se·10As ₂ Se ₃ ; Tl ₂ Se·2As ₂ Se ₃ ; Tl ₂ Se·As ₂ Se ₃ ; and 3Tl ₂ Se·As ₂ Se ₃ were deposited on various substrates by vacuum 2Tl ₂ Se·As ₂ Se ₃ ; and 3Tl ₂ Se·As ₂ Se ₃ films were found to be the most promising in applicavaporization. The Tl ₂ Se·As ₂ Se ₃ films were found to be the most promising in application in the x-ray spectral region and displayed greater photoeffect than the best thallium-free films in the visible spectral region. Radiosensitivity of the	
Cord 1/2 UDC: 541.123.3+546.23'19'683	

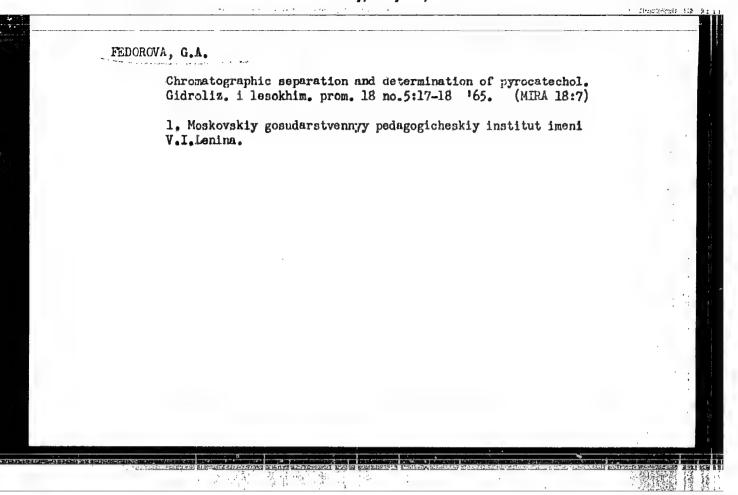
L 04603-67

ACC NR: AP6033819

Tl₂Se·As₂Se₃ films versus thickness and preparation technique, x-ray dosimetric and volt-ampere characteristics, kinetics and spectral distribution in the 0.5—1.5 A range of x-ray conductivity of the films were determined, as well as the quantum yield of the photoconductive effect and the energy of formation of a single electron-hole pair. A vidicon-type camera tube, photoconductive in the visible and x-ray spectral regions, was constructed with a Tl₂Se·As₂Se₃ film deposited on a beryllium face plate as a target. The first experiments with such a vidicon tube showed a short rise time (of the order of tenths of a second) of the system and the feasibility of visualization of the x-ray pictures and of measurement of the radiation intensity in different areas of the target. Orig. art. has: 8 figures and 2 tables.

SUB CODE: 11/ SUBM DATE: 30Jul65/ ORIG REF: 017/ ATD PRESS: 5100

Card 2/2 fll



ACC NRI APGO34753

(A)

SOURCE CODE: UR/0020/66/170/CO5/1052/1055

AUTHOR: Vaynshteyn, E. Ye. (deceased); Lyubin, V. M.; Fedorova, G. A.; Tsukerman, V.G. ORG: Institute of Inorganic Chemistry, Siberian Department, Academy of Sciences SSSR

(Institut neorganicheskoy khimii Sibirskogo otdeleniya Akademii nauk SSSR); Institute of Geochemistry and Analytical Chemistry im. V. I. Vernadskiy, Academy of Sciences SSSR (Institut geokhimii i analiticheskoy khimii Akademii nauk SSSR)

TITLE: Some singularities of the internal photoeffect in layers of the Se-As-Tl system in the visible and x-ray regions of the spectrum

SOURCE: AN SSSR. Doklady, v. 170, no. 5, 1966, 1052-1055

TOPIC TAGS: selenium compound, arsenic compound optic material, thallium containing alloy, internal photoeffect, photoconductivity, x ray effect

ABSTRACT: The authors report the first results of attempts to increase the photoconductivity of Se-As thin semiconducting layers by introducing thallium. The raw material of the Se-As-Tl system was synthesized by fusing selenium, arsenic, and thallium in vacuum, and the investigated films were prepared by evaporation in vacuum by a method close to that described by the authors earlier (FTT v. 4, 401, 1962). The electrodes were tin dioxide and aluminum. The compositions of the layers investigated were Tl₂Se·10As₂Se₃, Tl₂Se·2As₂Se₃, Tl₂Se·As₂Se₃, 2Tl₂Se·As₂Se₃, and 3Tl₂Se·As₂Se₃. The layer thickness ranged from 0.5 to 7 µ. The conductivity and photoconductivity were investigated by a method described in the earlier paper (and in Pribori i tekhnika

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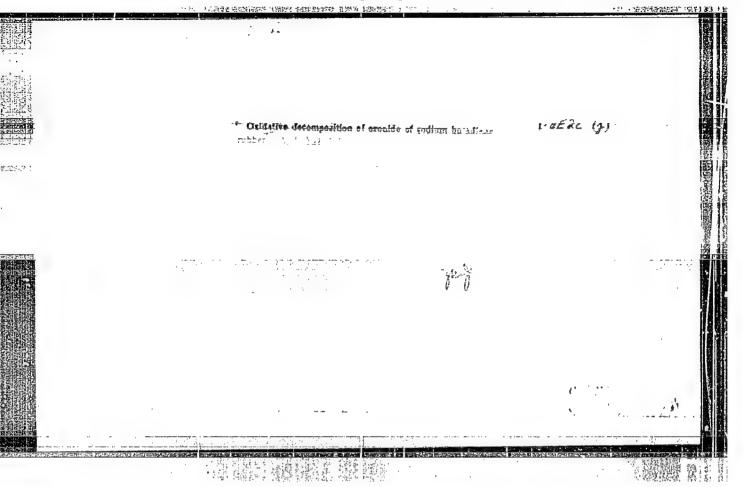
eksperimenta, no. 6, 192, 1965). An increase in the thallium concentration reduced the dark resistance and shifted the spectral characteristics of the photoeffect toward the long-wave region. The greatest sensitivity was observed in Tl₂Se·As₂Se₃. The x-ray sensitivity was practically constant in the range 0.5 - 1.5 Å, and then increased slowly with increasing x-ray wavelength. The photoeffect depends on the polarity of the voltage applied. At negative potential on the tin-dioxide electrode the spectrum has a single maximum near 350 - 370 nm and depends little on the thickness of the layer. For positive potential, maxima appear both at short and long wavelengths (near 600 nm) and shift toward longer wavelength with increasing thickness. The results are interpreted from the point of view of the processes that occur in the regions near the electrodes. The dark current increased faster than linearly with increasing applied voltage, but the photocurrent exhibited rapid saturation. The quantum yield ranged from 800 to 1400 electrons/quantum and the ionization energy required to produce a single electron-hole pair is 5.7 - 10 ev, close in value to that obtained for many photoconductors sensitive to x-radiation. It is concluded that the Se-As-Tl system can serve as an effective photoconductor for both the visible and the x-ray regions. This report was presented by Academician V. V. Voyevodskiy 14 January 1966. Orig. art. has: 3 figures.

SUB CODE: 20/ SURM DATE: 20Dec65/ ORIG REF: Oll

Card 2/2!

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041271



SHISHKIN, P.N., starshiy nauchnyy sotrudnik; KADYSEVA, Ye.A., kand.med.nauk; FEDOROVA, G.B., vrach

Treatment of seborrhea of the scalp with sulsen. Vest.derm.i
ven. no.7:49-50 '61. (MIRA 15:5)

1. Iz Ufimskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo
instituta (dir. - stershiy nauchnyy sotrudnik P.N. Shishkin),
kafedry kozhnykh bolezney (zev. - prof. G.S. Maskimov) Bashkirskogo
meditainskogo instituta i mikologicheskoy detskoy bol'nitay
(glavnyy vrach M.Kh. Malyshev).
(SELENIUM SULFIDE-THERAPEUTIC USE) (SCALP-DISEASES)

KRUGLYAK, Ye. B.; MEZENTSEV,—A. S.; BORISOVA, V. N.; FEDOROVA, G. B.; ERAZHNIKOVA,—M. G.—

"Characterization of some olivomycin derivatives and decomposition products."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Search of New Antibiotics, AMS USSR, Moscow.

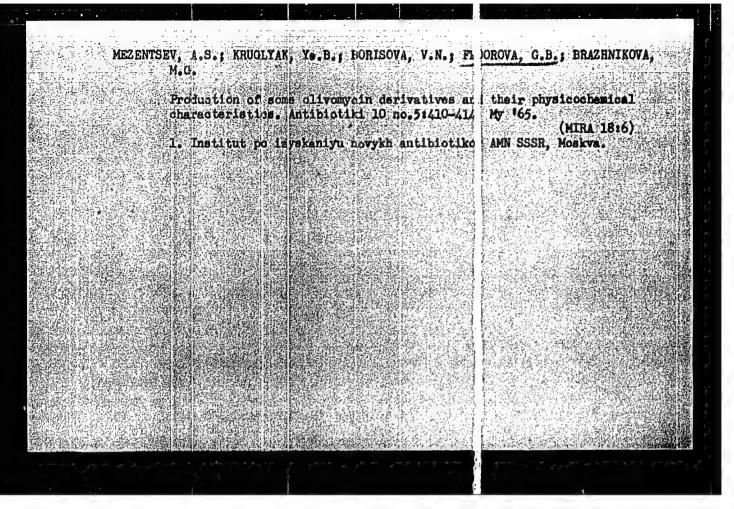
BRAZHNIKOVA, M.G.; KRUGLYAK, Yu.B.; BORISOVA, V.N.; FEDOROVA, G.B.

Study of olivomycin homogeneity. Antibiotiki 9 no.2:141-146
F '64. (MIRA 17:12)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR, Moskva.

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STROYKOVA, N.G.; IVANOVA, L.V.; FEDOROVA, G.D.

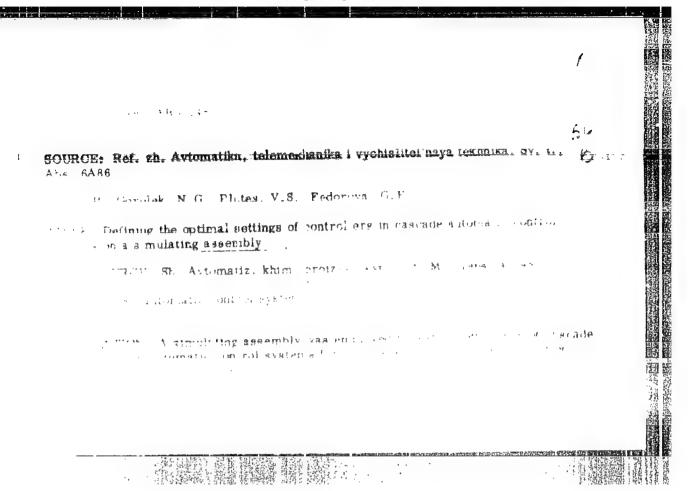
Method of determining the content of total lipids and cholesterol in the acrts of rabbits. Trudy Inst. klin. i eksper. kard. AN Gruz. SSR 8:137-139 '63. (FRA 17:7)

1. Institut (ksperimental'noy meditsin; AMN SSSR. Leningrad.

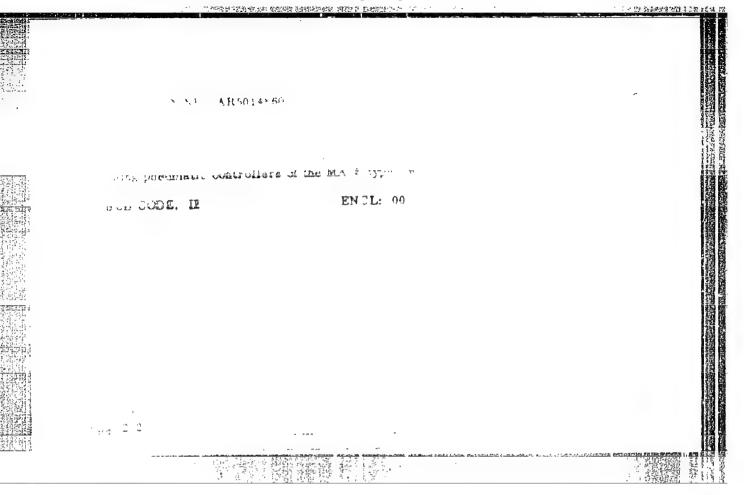
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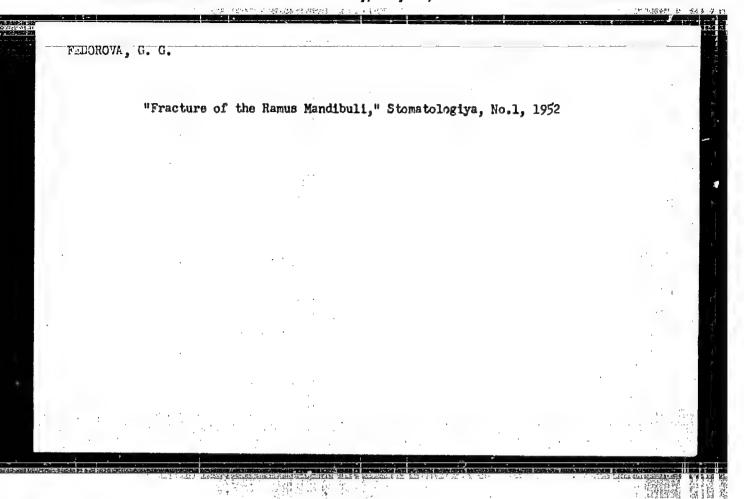
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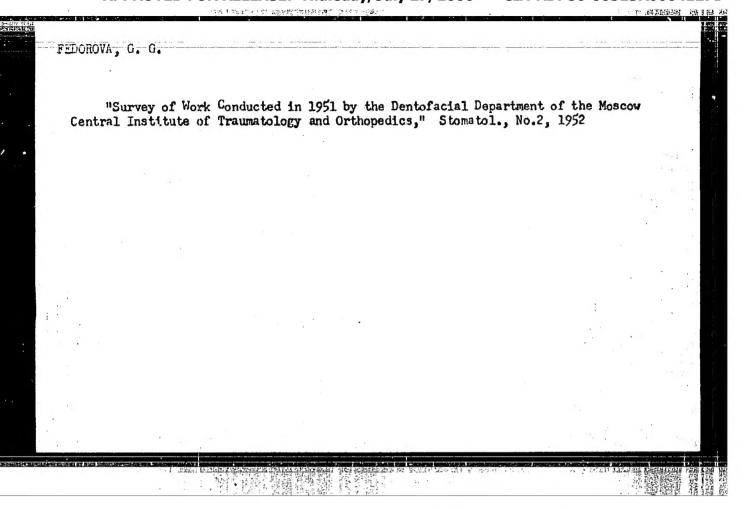


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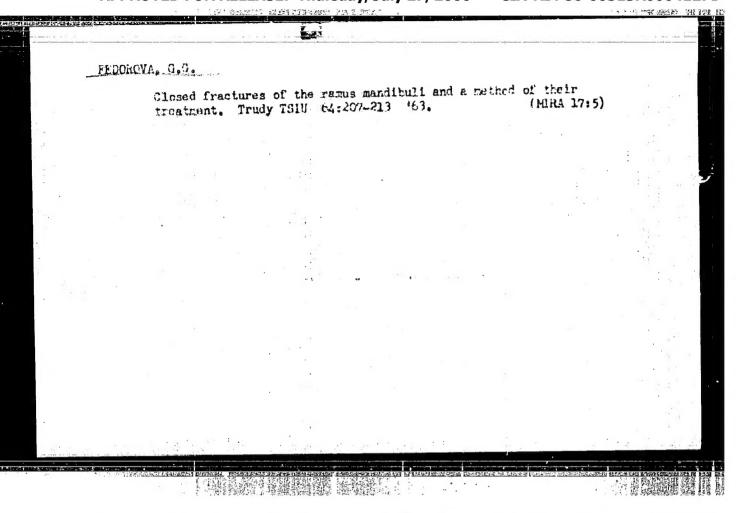


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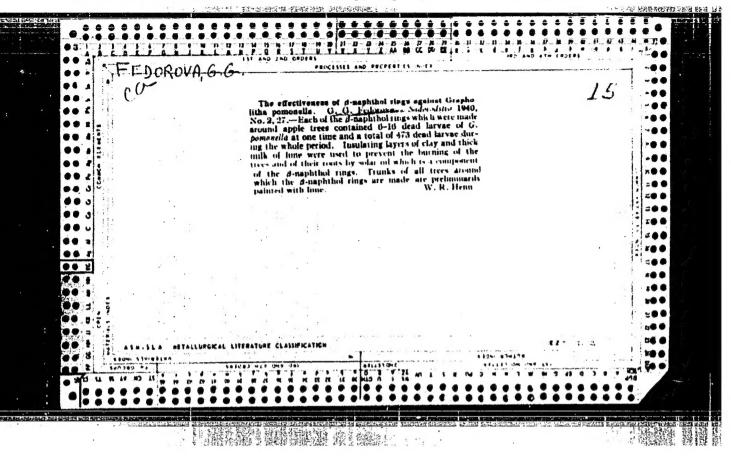


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